

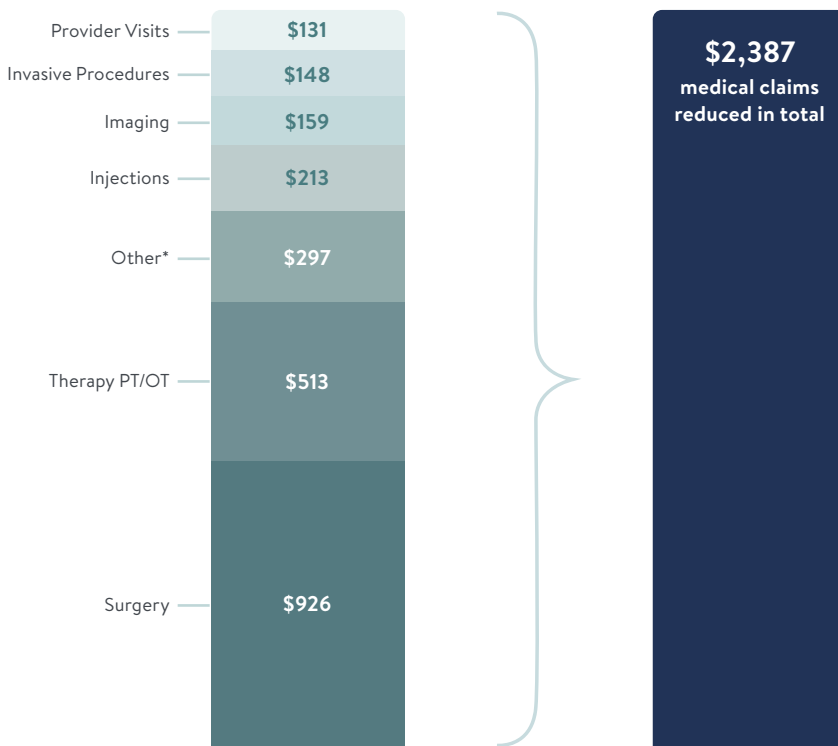
PROOF POINTS:

# Hinge Health reduces claims in the largest digital musculoskeletal (MSK) study

Hinge Health has published the largest claims analysis ever done in digital MSK. In a 2-year medical claims analysis (N=8,414) based on a claims dataset covering over 100M Americans, Hinge Health participants used fewer services and had lower spend across all MSK categories.

- ✓ The largest reductions in MSK service were in imaging, injections, DME, and surgery
- ✓ The majority of medical claims reduction was from lower surgery costs (39% lower)

Savings per member by service type



\*includes DME, Testing (e.g. laboratory), Emergency Department, and all other services

2.4x ROI

\$2,387  
saved per participant

136 employers  
across 46 industries

10x  
larger claim analysis  
than any prior study

# Third-party validation provides evidence you can trust

An independent global actuarial firm conducted a review of the cost study’s methodology, assumptions, savings feasibility, and credibility. This is the third time Hinge Health’s methodology and medical claims reduction has been validated by an independent firm, **making Hinge Health the most studied and most proven musculoskeletal (MSK) solution on the market.**

## 3 Hinge Health medical claims studies in one year with >2x ROI

Outcome studies with methodology validated by **Milliman, Optum, and Validation Institute**

Largest claims study in the industry	<b>136-employer study<sup>1</sup></b>	<b>Medicare<sup>2</sup></b>	<b>Multi-employer study<sup>3</sup></b>
	<b>2.4x ROI</b>	<b>2.7x ROI</b>	<b>2.26x ROI</b>
	<b>8,414</b> participants <b>46</b> industries	<b>87%</b> reduction in hospital utilization spend	<b>68.7%</b> fewer invasive procedures than control group

## 3 takeaways for choosing a digital MSK partner

**01 Choose a partner with validated claims-based ROI:** Any real ROI must show up in claims. An independent global actuarial firm validated our methodology.

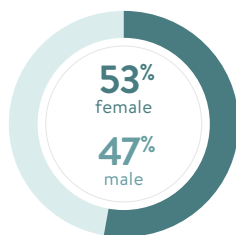
**02 Look for predictable outcomes:** Hinge Health medical claims reduction has been independently validated by multiple third parties and peer reviewed for clinical rigor.

**03 Insist on large-scale studies:** This is the largest digital MSK claims study with 136 self-insured employers, across 46 industries with 8,414 participants.

### About the study

This study compared 4,207 Hinge Health chronic program members to 4,207 members in a matched control group and looked at the difference in medical care costs and utilization in the 12 months before and after.

Participant Demographics:



- ✓ 2-year medical claims dataset represented more than 100 million commercially insured members
- ✓ Intervention and control groups were matched on multiple characteristics including age, gender, geographic region, comorbidities, body region of MSK pain, MSK services utilization, MSK cost, and overall medical care cost.
- ✓ 46 industries were represented with manufacturing making up the largest sector (49%)

Sources:

<sup>1</sup> 136 Employer Medical Claims ROI Study, 2022  
<sup>2</sup> Hinge Health Medicare Cost and Utilization Study, Optum, 2022  
<sup>3</sup> Hinge Health Multi-Employer Control-Matched Medical Claims Analysis, 2021